

Listing of Claims:

1. (Currently Amended) A windshield wiper drive apparatus ~~having a windshield wiper park position, the apparatus comprising:~~
a housing;
a rotatable drive gear ~~adapted to be coupled to a windshield wiper for driving the~~ a windshield wiper, ~~a drive gear rotatably mounted in the housing; and~~
a non-contact position detector ~~cooperatively arranged between the drive gear and the housing to for detect~~ detecting a rotation position of the drive gear corresponding to ~~the~~ a windshield wiper park position; and
a cam rotatably ~~mounted in the housing; connected to the drive gear.~~
2. (Currently Amended) The windshield wiper apparatus of claim 1 wherein the position detector comprises:
a magnetically responsive sensor ~~mounted in the housing; and~~
a magnet movably disposed ~~in the housing~~ in an intersecting path of movement with respect to the sensor, the magnet movable with the drive gear, the sensor detecting each passage of the magnet therepast.
3. (Currently Amended) The windshield wiper apparatus of claim [1] 2 wherein the magnet is mounted on the drive gear.
4. (Currently Amended) ~~The windshield wiper apparatus of claim 1 further comprising:~~ A windshield wiper drive apparatus comprising:
a housing;
a rotatable drive gear coupled to a windshield wiper for driving the windshield wiper, the drive gear rotatably mounted in the housing; and
a non-contact position detector cooperatively arranged between the drive gear and the housing to detect a rotation position of the drive gear corresponding to a windshield wiper park position;

a cam rotatably mounted in the housing, ~~the~~ a magnet carried on the cam; and

interengaging members carried on the drive gear and the cam for rotating the cam along with rotation of the drive gear in the normal direction of rotation of the drive gear.

5. (Original) The windshield wiper apparatus of claim 4 wherein the interengaging members comprise:

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a projection carried on the drive gear; and

a projection carried on the cam, the projections on the drive gear and the cam lying in intersecting paths of movement.

6. (Original) The windshield wiper drive apparatus of claim 4 wherein:

the interengaging members provide only unidirectional rotation of the cam.

7. (Currently amended) The windshield wiper drive apparatus of claim 4 wherein:

the interengaging ~~member~~ members on the drive gear engages the interengaging member on the cam only in a normal direction of rotation of the drive gear.
